VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

			Date 3/5/10	
Contract ID	100122-505	Job No.	J5S2177	
County Cooper Route 87		7Origina	Original Bid Cost \$1,522,873.50	
Contractor	APAC-Missouri, Inc.	By Ja	ason Stastny	
Designed By		Phone	573-449-0886	
VECP#	10-14	VECP	⊠ or VECP/PDU □	
on Job J5S21 inches of SP09 for a reduction compared to the 22 is \$67.28 per 57. This reduction to the existing thickness of the existing thickness of the reduction for order to mate \$101,038.30. In the curb are concrete shound quantity of Bl quantity by 8' contract. By utilizing Strom 946 SY from contract. Aside from the reduce the steafter the projectizens and be duration and	of PG 64-22 for the surface course in in tonnage on the surface course in the currently contracted 4628.60 toner ton, totaling \$220,525.00. This is \$7/\$ \$\frac{7}{268}, \text{042.63}\$ In in overall mainline pavement thick conditions of the shoulders from Landau the Type 1 Aggregate Base by lower that he new mainline profile. APAC of This is a savings of \$8,148.25 from the gutter area from Log Mile 0.000 lder, lowering the profile of the main P-1 needed, changing the profile from 7.6 tons, from 1180.3 to 1092.7 tons. P095 in place of SP125, Modified Course to 727 SY. At the contract unit price to 727 SY. At the contract unit price to 727 SY. At the contract unit price to 52 SY. At the contract unit price to 53 SY. At the contract unit price to 54 SY. At the contract unit price 55 SY. At the contract unit price 65 SY SY SY. At the contract unit price 65 SY	bstituting 1.75 inches. This reduction in of 1350.88 tons, a tons of SP125. Our practice as a savings of \$47,51 kness will lower the og Mile 0.564 to 3.4 ain as designed, but ring the thickness the proposed a new unicontract. to 0.564 where BP1 inline overlay will a m 3.75" to 1" to 3.2 At \$46.93 per tons old Milling SY will be of \$10.72 per SY wering the profile on trances and side rease traffic across the proximately 3 wor	es of SP125C with PG 64-22 for 1.25 a pavement lift thickness will allow stal of 3277.72 tons of SP095, as roposed unit price for SP095 PG 64-7.23 from contract. Profile of the shoulders as well. Due 135, APAC feels that the current lift twould offer a per SY price of 3.5 inches from the designed 4" in it price of \$3.10 per SY, totaling 3.5" \$3.70 /5 \/ I is called for to overlay the existing allow us to lower the profile and 25" to 1". This will reduce the savings will be \$4,111.07 from also be able to be reduced by 219 SY, this will be a savings of \$2,347.68 If the mainline and shoulders will had both during construction and these entrances help satisfy local ill also reduce the construction king days. This VE proposal offers a	
2. Estimate	of reduction in construction costs.	\$62,124.23		

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.					
	(date)				
5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.					
(1)	(effect)				
(date)	(effect)				
6. Dates of any previous or concurrent submission of the same proposal.					
	· · · · · · · · · · · · · · · · · · ·				
	(date and/or dates)				
Additional Comments:					
** Portion Below This Line To Be Filled Out by MoDOT **					
Comments: A thirmer mait	to show up through the asphalt				
mat gurcker	to show up through the asphalt and possibily allow mat failure				
quicker. Choi	Submitted By Resident Engineer Date				
	Submitted By Resident Engineer Date				

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

Comments: Reduci	my the overlay structure by 2" is compter proposal to APAR to place 2.	not de-		
Fille, and d W(14" SPD95 in 1 Cost effective for Approval Recommended Rejection Recommended	or APAD.	2" of \$190 25" Was put 8/10 Date		
Comments: Agree with RE. and District comments				
☐ Approval ☑ Rejection	State Construction and Materials Engineer BAW	-19-10 Date		

Distribution:

Resident Engineer, Project Manager, District Operations Engineer, State Construction and Materials Engineer *Value Engineering Administrator - *MoDOT, P.O. Box 270, Jefferson City, MO 65102

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- □ Bridge/Structure/Footings
- □ Drainage Structures (RCP, RCB, CMP's, ect.)
- □ TCP/MOT
- X Paving (PCCP, ect.)
- □ Grading/MSE Walls
- □ Signal/Lighting/ITS
- □ Misc.

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

The contractor proposed to reduce the top lift thickness by $\frac{1}{2}$ " by using 1.25" of SP095 in lieu of 1.75" of SP125. Proposal is rejected because it is not desirable to reduce the overlay structure by $\frac{1}{2}$ ".

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.					